

NEBRASKA WEATHER & CROPS

*Run
1600
6/10/91*



For Week Ending June 9, 1991

Issue: 13-91

Released: 6/10/91 - 3:00 p.m.

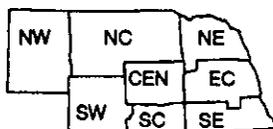
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Location: 273 Federal Bldg.

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Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
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WEATHER

Mild and humid conditions prevailed across the State with two significant rain periods. Rainfall up to five inches in local amounts caused local flooding northeast early in the week. Another round of heavy showers occurred late in the week. Temperatures remained below 90 degrees except briefly in the southeast early in the week.

GENERAL

Nebraska farmers and ranchers again last week had very limited fieldwork opportunities. The wet, humid conditions provided excellent growing conditions for crops and pastures for the most part, but some evidence of yellowing in corn in several areas and rust in wheat has been observed in the Southeast District. Wet field conditions continued to delay weed control activities in many areas. Storms continued last week and brought crop damaging conditions to the northeast, east central, central, south central and western districts. Damage came in the form of hail, high winds, and excessive rainfall resulting in flooding and silting and/or erosion of fields. Crop replanting is being planned where necessary.

CROPS

Winter wheat condition was rated at 3% poor, 26% fair, 64% good, and 7% excellent. Crop growing conditions continued to be favorable in most cases, although reports of "take all" disease, rust, and chinch bugs have been received from the Southeast District. Wheat is nearly all headed out across the State with the turning of color getting a good start in the southern tier of districts.

Virtually all corn planted has emerged. Some replanting is being planned for fields with storm damage

CROPS (Cont.)

and/or cutworm damage. Weed control in fields again was hindered by wet conditions. The condition of the crop was rated at 9% fair, 70% good, and 21% excellent. Many fields with standing water were showing a yellowing color, causing concerns over possible replanting.

Sorghum and soybean planting made limited progress last week due to continued rainfall on already wet farmland. Sorghum reached 87% planted, ahead of last year's 85% but behind the average at 90%. Soybean planting was 88% completed but slipped behind last year at 89% and the 5-year average at 93%. Replanting of sorghum and soybean fields where damaged by storms is being planned. In addition, several reports from the East Central District have indicated the presence of bean leaf beetles.

Alfalfa condition was rated at 1% poor, 12% fair, 71% good, and 16% excellent. First cutting activities remain behind last year and the average due to the wet weather conditions. Reports indicate the crop was slow to cure when cut and in some cases downed hay was rained upon before baling could occur. A lot of cut hay has needed to be turned for drying. Wild hay, on the other hand, continues to grow well and continually improves and was rated at 1% fair, 54% good, and 45% excellent.

LIVESTOCK

Pasture and range condition continued to improve and was rated at 96% of normal, in the good to excellent category. Some areas still await more sunny days in anticipation of greater growth of their pastures. Feedlots remained muddy and are stressing cattle.

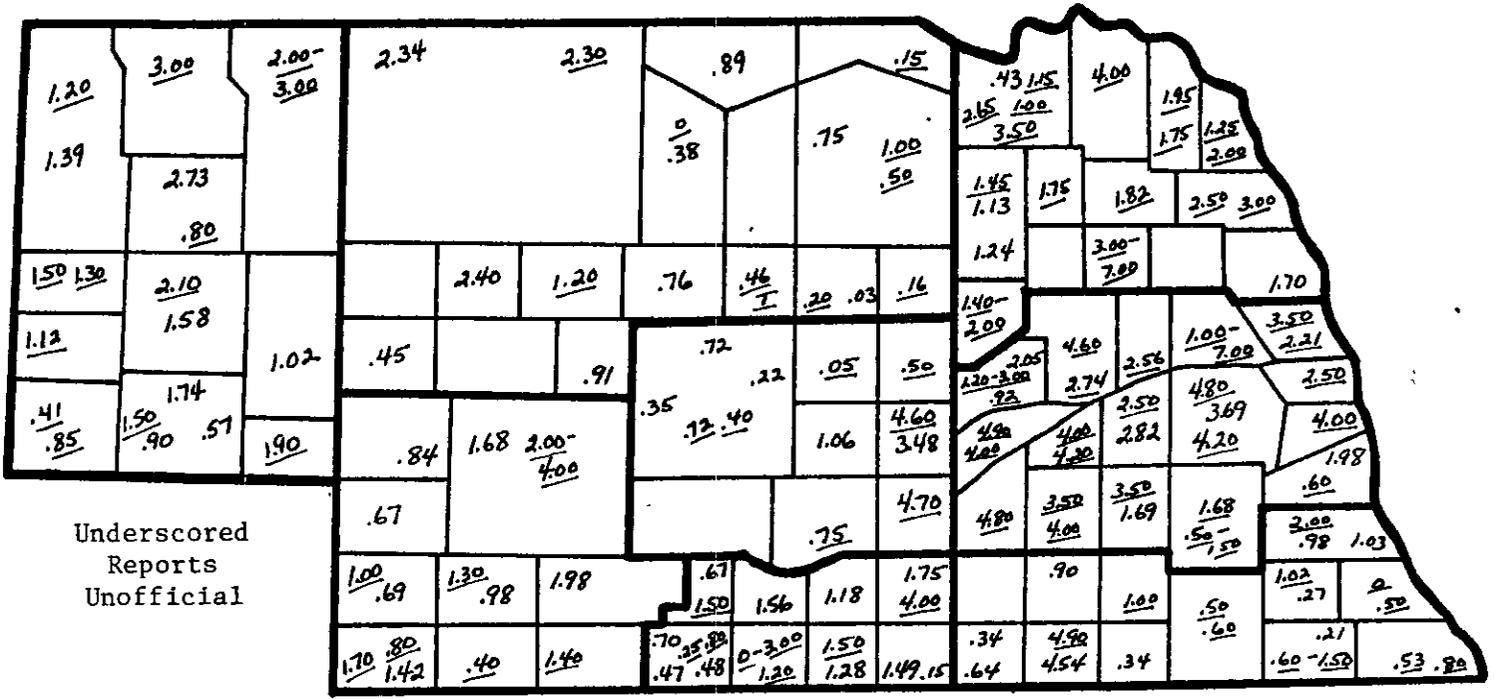
FIELD WORK PROGRESS AS OF JUNE 9, 1991	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat headed	92	97	85	100	100	100	99	100	96	88	92	95
% wheat turning	0	0	0	0	12	24	22	58	19	1	12	20
% corn emerged	97	95	99	99	99	99	99	100	98	96	95	98
% sorghum planted	100	68	87	96	88	57	87	92	87	74	85	90
% sorghum emerged	100	56	75	86	77	41	62	80	74	56	52	71
% soybeans planted	0	81	84	91	89	82	92	94	88	82	89	93
% soybeans emerged	0	62	65	83	78	74	80	83	75	59	56	74
% alfalfa first cutting	10	32	29	27	50	59	66	68	35	12	39	62
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 7, 1991												
Days suitable	2.3	5.2	2.2	3.1	2.2	2.9	3.6	4.1	3.1	2.7	5.0	
Topsoil moisture - Short	0	0	0	0	0	0	0	6	1	2	8	
(Percent) - Adequate	39	79	30	46	24	25	75	82	48	52	74	
- Surplus	61	21	70	54	76	75	25	12	51	46	18	
Subsoil moisture - Short	15	21	0	0	12	0	17	18	11	14	44	
(Percent) - Adequate	77	72	100	92	80	100	83	82	85	78	56	
- Surplus	8	7	0	8	8	0	0	0	4	8	0	

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

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P.O. Box 81069
Lincoln, NE 68501

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Paid at
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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 7, 1991



Underscored Reports Unofficial

	Precipitation, April 1 - June 7, 1991							
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.42	.99	1.13	1.17	2.84	1.18	.97	1.03
Total since April 1	7.23	7.99	9.29	9.43	10.39	8.47	8.92	7.53
Normal since April 1	5.53	6.36	7.31	6.90	7.82	5.74	6.67	7.75
Total as % of normal	131%	126%	127%	137%	133%	148%	134%	97%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 9, 1991

Station	Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15		
	Extremes		Mean	Departure		Last Week	Current	Normal
	Max	Min						
NW	Chadron	86	50	66	---	---	---	---
	Scottsbluff	84	47	63	-2	440	542	540
	Sidney	84	48	64	---	430	525	552
NC	Valentine	87	52	70	+5	497	627	532
NE	Norfolk	86	58	71	+3	5.42	---	---
	Sioux City	85	57	70	+1	1.32	---	---
	Concord	---	---	---	---	---	559	681
	Elgin	---	---	---	---	---	545	684
	West Point*	---	---	---	---	---	640	777
CEN	Grand Island	87	57	72	+3	.96	609	768
	Ord	85	55	71	---	---	562	708
EC	Lincoln	92	58	74	+4	1.23	681	847
	Omaha	86	58	71	0	1.36	663	813
	Columbus	---	---	---	---	---	623	768
	York	---	---	---	---	---	621	778
SW	Imperial	86	52	66	---	.55	---	---
	North Platte	83	50	68	+2	.94	**497	**615
SC	Holdrege	---	---	---	---	---	571	712
SE	Beatrice	---	---	---	---	---	705	863
	Clay Center	---	---	---	---	---	636	787

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.